

What is claimed is:

1. An apparatus for providing power to one or more devices, the apparatus comprising:

a housing comprising an integrated power input connector for directly receiving a power cord, the housing containing a power supply connected in parallel to the power input connector and operative to generate power for delivery to at least a second powered device;

a power output connection for delivery of power to the second powered device; and

a power output cord connected in series to the integrated power input connector, the power output cord configured to mate directly with a power input connector on a first powered device

2. The apparatus of Claim 1, wherein the integrated power input connector and the power output cord are configured for receiving alternating current and wherein the power supply is configured to generate direct current.

3. The apparatus of Claim 2, wherein the housing further includes a switch interposed between the integrated power input connector and the power output cord, the switch operative to prevent the flow of alternating current to the power output connector and the power supply when in an open position.

4. The apparatus of Claim 3, wherein the switch is mounted on and accessible from an external portion of the housing.

5. The apparatus of Claim 2, wherein the housing further includes a switch interposed between the integrated power input connector and the power supply, the switch operative to prevent the flow of alternating current to the power supply when in an open position.

6. The apparatus of Claim 5, wherein the switch is mounted on and accessible from an external portion of the housing.

7. The apparatus of Claim 2, wherein the integrated power input connector comprises an IEC-320/C14 connector.

8. The apparatus of Claim 2, wherein the power output cord comprises an IEC-320/C13 connector.

9. The apparatus of Claim 2, further comprising a cable assembly extending from the housing, the cable assembly electrically connected to an output of the power supply and operative to deliver power to the second powered device.

10. The apparatus of Claim 9, wherein the cable assembly is terminated with a connector compatible with a power input on the second powered device.

11. The apparatus of Claim 11, wherein the housing further contains a control circuit, the circuit operative to receive an input signal and, based on the status of the input signal, to either allow or prevent the flow of alternating current to the power output connector.

12. The apparatus of Claim 12, wherein the cable assembly further comprises an electrical connection to the input signal and wherein the second powered device is operative to control the input signal.

13. The apparatus of claim 1, wherein the power cord is integral to the housing.

14. An apparatus for providing power to one or more devices, the apparatus comprising:

a housing comprising an integrated power input connector for directly receiving a power cord;

a power output cord connected in series to the integrated power input connector, the power output cord configured to mate directly with a power input connector on a first powered device;

a power supply mounted within the housing, the power supply connected in parallel to the power input connector and operative to generate power for delivery to at least a second powered device;

a power output connection for delivery of power to the second powered device; and

a control circuit mounted within the housing, the circuit operative to receive an input signal and, based on the input signal, to allow or prevent the flow of alternating current to the power output cord.

15. The apparatus of Claim 14, further comprising a cable assembly extending from the housing, the cable assembly electrically connected to an output of the power supply and operative to deliver power to the second powered device.

16. The apparatus of Claim 15, wherein the cable assembly is terminated with a connector compatible with a power input on the second powered device.

17. The apparatus of Claim 16, wherein the cable assembly further comprises an electrical connection to the input signal and wherein the second powered device is operative to control the input signal.

18. The apparatus of Claim 17, further comprising a parallel bus connector mounted on an external surface of the housing, the bus connector having electrical connections to the input signal and the power supply.

19. The apparatus of Claim 18, wherein the bus connector is compatible with the terminating connector on the cable assembly.

20. The apparatus of Claim 19, wherein the integrated power input connector comprises an IEC-320/C14 connector.

21. The apparatus of Claim 20, wherein the power output cord comprises an IEC-320/C13 connector.

22. The apparatus of Claim 14, wherein the power output cord is integral with the housing.

23. An apparatus for providing power to one or more devices, the apparatus comprising:

a housing comprising an integrated power input connector for directly receiving a power cord and an integrated power output connector connected in series to the integrated power input connector, the power output connector configured to mate directly with a power input connector on a first powered device;

a power supply mounted within the housing, the power supply connected in parallel to the power input connector and operative to generate power; and

a control circuit mounted within the housing, the circuit operative to receive an input signal and receive power from the power supply, and based on the input signal, to allow or prevent the flow of alternating current to the integrated power output connector.

24. The apparatus of Claim 23, further comprising a cable assembly extending from the housing, wherein the cable assembly comprises an electrical connection to the input signal and wherein a second device is operative to control the input signal.

25. The apparatus of Claim 24, further comprising a parallel bus connector mounted on an external surface of the housing, the bus connector having electrical connections to the input signal.

26. The apparatus of Claim 25, wherein the bus connector is compatible with a terminating connector on the cable assembly.

27. The apparatus of Claim 26, wherein the integrated power input connector comprises an IEC-320/C14 connector.

28. The apparatus of Claim 27, wherein the integrated power output connector comprises an IEC-320/C13 connector.

29. An apparatus for providing power to one or more devices, the apparatus comprising:

a housing comprising an integrated power input connector for directly receiving a power cord;

a power output cord connected in series to the integrated power input connector, the power output cord configured to mate directly with a power input connector on a first powered device;

a power supply mounted within the housing, the power supply connected in parallel to the power input connector and operative to generate power; and

a control circuit mounted within the housing, the circuit operative to receive an input signal having only a high or low value and receive power from the power supply, and based on whether the input signal has a high or low value, to allow or prevent the flow of alternating current to the integrated power output cord.

30. The apparatus of Claim 29, further comprising a cable assembly, wherein the cable assembly further comprises an electrical connection to the input signal and wherein a second device is operative to control the input signal.

31. The apparatus of Claim 30, further comprising a parallel bus connector mounted on an external surface of the housing, the bus connector having electrical connections to the input signal.

32. The apparatus of Claim 31, wherein the bus connector is compatible with a terminating connector on the cable assembly.

33. The apparatus of Claim 32, wherein the integrated power input connector comprises an IEC-320/C14 connector.

34. The apparatus of Claim 33, wherein the power output cord comprises an IEC-320/C13 connector.

35. The apparatus of Claim 29, wherein the power output cord is integral with the housing.